AA	GTGC:	TTTT	TAA	ATTGO AAGGI	CC 1	CCAC	GACC CAGGI ATG	C GC	CCAC TGAC ACT	CTTGC	TGC TGG	GGG	AGAA CAG GCT	GAA CAA GTC	ATTGACC CCGGCCA CAAAGCC TTC Phe	60 120 180 231
															CAG Gln 25	279
															AAT Asn	327
															ACT	375
															CAG Gln	423
		TTT													CTT Leu	471
		TTT									Glu					519
CTC	TTG	GAG Glu	GTG Val	GCC Ala 110	AAA Lys	GAC Asp	TCG Ser	ATC Ile	CCC Pro 115	AGA Arg	AGC Ser	CAC	TGG	GAA Glu 120	AGG Arg	567
ACC	CCG Pro	GTG Val	GTT Val 125	CTG Leu	AAA Lys	GCA Ala	ACG Thr	GCC Ala 130	GGA Gly	CTC Leu	CGT	TTG Leu	CTG Leu 135	CCT Pro	GAG Glu	615
CAG Gln	AAA Lys	GCC Ala 140	CAG Gln	GCT Ala	CTG Leu	CTC Leu	TTG Leu 145	GAG Glu	GTA Val	GAG Glu	GAG Glu	ATC Ile 150	TTC Phe	AAG Lys	AAT Asn	663
		TTC Phe														711
TAT Tyr 170	GAA Glu	GGC Gly	ATA Ile	CTA Leu	GCC Ala 175	TGG Trp	GTT Val	ACC Thr	GTG Val	AAC Asn 180	TTT Phe	CTA Leu	ACA Thr	GGT Gly	CAG Gln 185	759
CTG Leu	CAT His	GGT Gly	CGT Arg	GGC Gly 190	CAG Gln	GAG Glu	ACT Thr	GTG Val	GGG Gly 195	ACC Thr	CTT Leu	GAC Asp	CTG Leu	GGG G1 y 200	GGT Gly	807
GCC Ala	TCC Ser	ACC Thr	CAA Gln 205	ATC Ile	ACG Thr	TTT Phe	CTA Leu	CCC Pro 210	CAG Gln	TTT Phe	GAG Glu	AAA Lys	ACC Thr 215	CTG Leu	GAA Glu	855
CAA Gln	ACA Thr	CCT Pro 220	AGG Arg	GGC Gly	TAC Tyr	Leu	ACT Thr 225	TCC Ser	TTT Phe	GAG Glu	ATG Met	TTT Phe 230	AAC Asn	AGC Ser	ACT Thr	903

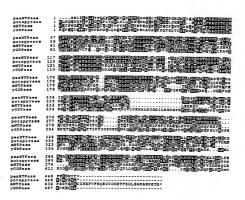
F16. 1

TTT Phe	AAG Lys 235	CTC Leu	TAT Tyr	ACA Thr	CAT His	AGT Ser 240	TAC Tyr	TTG Leu	GGA Gly	TTT Phe	GGA Gly 245	CTG Leu	AAA Lys	GCT Ala	GCA Ala	951
AGA Arg 250	CTG Leu	GCA Ala	ACT Thr	CTG Leu	GGA Gly 255	GCC Ala	CTG Leu	GAA Glu	GCA Ala	AAA Lys 260	GGG Gly	ACT Thr	GAT Asp	GGA Gly	CAT His 265	999
ACG Thr	TTT Phe	CGA Arg	AGT Ser	GCC Ala 270	TGT Cys	TTA Leu	CCA Pro	AGA Arg	TGG Trp 275	TTG Leu	GAA Glu	GCA Ala	GAG Glu	TGG Trp 280	ATC Ile	1047
TTT Phe	GGG Gly	GGT Gly	GTG Val 285	AAA Lys	TAC Tyr	CAG Gln	TAT Tyr	GGT Gly 290	GG T Gly	AAC Asn	CAA G1n	GAA Glu	GGG Gly 295	GAG Glu	ATG Met	1095
GGC Gly	TTT Phe	GAA Glu 300	CCC Pro	TGC Cys	TAT Tyr	GCG Ala	GAA G1 u 305	GTG Val	CTG Leu	AGG Arg	GTA Val	GTA Val 310	CAG Gln	GGG Gly	AAA Lys	1143
CTT Leu	CAC His 315	CAG Gln	CCA Pro	GAA Glu	GAA Glu	GTC Val 320	CGA Arg	GGA Gly	AGC Ser	GCC Ala	TTC Phe 325	TAC Tyr	GCT Ala	TTC Phe	TCT Ser	1191
TAC Tyr 330	Tyr	TAC Tyr	GAT Asp	CGA Arg	GCC Ala 335	GCT Ala	GAC Asp	ACA Thr	CAC His	TTG Leu 340	ATC Ile	GAT Asp	TAT Tyr	GAA Glu	AAG Lys 345	1239
GGC Gly	GGG Gly	GTT Val	TTA Leu	AAA Lys 350	GTT Val	GAA Glu	GAT Asp	TTT Phe	GAA Glu 355	AGA Arg	AAA Lys	GCC Ala	AGA Arg	GAA Glu 360	GTG Val	1287
TGT Cys	GAC Asp	AAC Asn	TTG Leu 365	GGG Gly	AGC Ser	TTC Phe	TCC Ser	TCG Ser 370	GGC Gly	AGT Ser	CCT Pro	TTC Phe	CTC Leu 375	TGC Cys	ATG Met	1335
GAC Asp	CTC Leu	ACT Thr 380	TAC Tyr	ATC Ile	ACA Thr	GCC Ala	CTG Leu 385	TTG Leu	AAA Lys	GAT Asp	GGT Gly	TTG Leu 390	GGC Gly	TTT Phe	GCC Ala	1383
GAA Glu	CGG Arg 395	CAC His	CCT Pro	CTT Leu	ACA Thr	GCT Ala 400	CAC His	AAA Lys	GAA Glu	AGT Ser	GAA Glu 405	CAA Gln	CAT His	AGA Arg	GAC Asp	1431
TGG Trp 410	TTG Leu	GGC Gly	CTT Leu	GGG Gly	GGC Gly 415	CAC His	CTT Leu	TCA Ser	CCT Pro	GCT Ala 420	CCA Pro	GTC Val	TCT Ser	GGG Gly	CAT His 425	1479
CAC His	CAG Gln	CTG Leu	AGG Arg	CCA Pro 430	AGC Ser	TCC Ser	ACC Thr	TCT Ser	GAA Glu 435	GCC Ala	TGC Cys	ATT Ile	TCT Ser	GAA Glu 440	CCA Pro	1527
GTT Val	TTC Phe	TCA Ser	CAG Gln 445	GAA Glu	GGC Gly	GTG Val	GAC Asp	TCA Ser 450	GAG Glu	ACA Thr	TTT Phe	TCT Ser	GAC Asp 455	CTC Leu	TCT Ser	1575
GGA Gly	AAA Lys	GCC Ala 460	TGG Trp	CCC Pro	GAA Glu	ACC Thr	CGT Arg 465	TAAG	CTGG!	TTT ?	rata)	AGGA	GG G	AGGG	GTTTT	1629

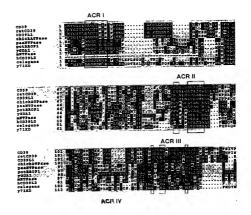
Fig. 1 (cont'd.)

GAATAGCTCC TTCTTTGTAC TGCGAGTTCA	TAACCACTTG AGAGTCCTGC GAGACAGGTC	GTGGGTGCAT AAAGGAAAAA CCTGGGGACC	TTGGGCTTCA GGCTGGCACC AGAGAAAAGG AAAGAACAAT	AGACTGTAAA TTTGGAACTC CTCGTTTCAA	CATGCTAGAT CCCTTGGATG	1689 1749 1809 1869
CCATCAATGC	TGTTAATTTT	TTTCTTCCTA	TTATAAGCTG CCCTTATTAC ATAATTGAGA ATAGATCAAC	ATTCCCTACC	CTAAAAGCCT AAAAGATACT	1929 1989 2049 2109
********						2119

F16. 1 (contid)



F16.2



F16.3

AAG	ACCG	GCT	GCCG	CCTG	CT C	CCCG	GAAA	A GG	GCAC	TCGT	CTC	CGTG	GGT	GTGG	GCCCAA CGGAGC TCCAGA	60 120 180
AAA	ACGA	GCT	ACAT	TTTT	CA G	CAGC	CGCA	G CA	CGGT	CCTT	GGC	AAAC	AAG		G AGA t Arg	237
														TAC		285
														AAG Lys		333
														GCA Ala		381
														ACA Thr 65		429
														GGA Gly		477
														AGA Arg		525
														GGT Gly		573
TCT Ser 115	GCC Ala	TAT Tyr	GCT Ala	GAT Asp	GAT Asp 120	GTT Val	GAA Glu	AAG Lys	AGC Ser	GCT Ala 125	CAG Gln	GGA Gly	ATC Ile	CGG Arg	GAA Glu 130	621
CTA Leu	CTG Leu	GAT Asp	GTT Val	GCT Ala 135	AAA Lys	CAG Gln	GAC Asp	ATT Ile	CCG Pro 140	TTC Phe	GAC Asp	TTC Phe	TGG Trp	AAG Lys 145	GCC Ala	669
														CCT Pro		717
														AAA Lys		765
														GGA G1 y		813
														GGC Gly		861
														GGC Gly 225		909

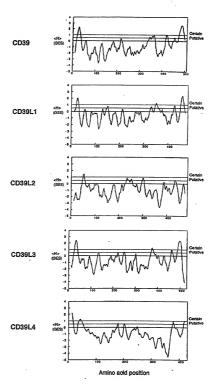
FIG. 4

																_	-
GGA Gly	TCC	ACT	CAG Gln 230	Ile	GCC	TTC Phe	CTG	CCF Pro	Arg	GTC Val	GAG Glu	GGC Gly	ACC Thr 240	Leu	CAG Gln	957	
GCC Ala	TCC	Pro 245	Pro	GGC	TAC	CTG Leu	ACG Thr 250	Ala	CTG Leu	CGG	ATG Met	Phe 255	Asn	AGG Arg	ACC Thr	1005	
TAC Tyr	AAG Lys 260	Leu	TAT	TCC	TAC	AGC Ser 265	Tyr	Leu	GGG	CTC	GGG Gly 270	Leu	ATG Met	TCG	GCA Ala	1053	
CGC Arg 275	CTG Leu	GCG Ala	ATC	CTG Leu	GGC Gly 280	Gly	GTG Val	GAG Glu	GGG G1y	CAG Gln 285	CCT	GCT	AAG Lys	GAT Asp	GGA Gly 290	1101	
AAG Lys	GAG Glu	TTG	GTC Val	AGC Ser 295	CCT	TGC Cys	TTG Leu	TCT Ser	CCC Pro 300	Ser	TTC Phe	AAA Lys	GGA Gly	GAG Glu 305	TGG Trp	1149	
GAA Glu	CAC	GCA Ala	GAA Glu 310	GTC Val	ACG Thr	TAC Tyr	AGG Arg	GTT Val 315	TCA Ser	GGG Gly	CAG Gln	AAA Lys	GCA Ala 320	GCG Ala	GCA Ala	1197	
AGC Ser	CTG Leu	CAC His 325	GAG Glu	CTG Leu	TGT Cys	GCT Ala	GCC Ala 330	AGA Arg	GTG Val	TCA Ser	GAG Glu	GTC Val 335	CTT Leu	CAA Gln	AAC Asn	1245	
Arq	GTG Val 340	CAC His	AGG Arg	ACG Thr	GAG Glu	GAA Glu 345	GTG Val	AAG Lys	CAT His	GTG Val	GAC Asp 350	TTC Phe	TAT Tyr	GCT Ala	TTC Phe	1293	
355	Tyr	Tyr	Tyr	Asp	360	Ala	Ala	Gly	Val	Gly 365	Leu	Ile	Asp	Ala	Glu 370	1341	
AAG Lys	GGA G1y	GGC Gly	AGC Ser	CTG Leu 375	GTG Val	GTG Val	GGG Gly	GAC Asp	TTC Phe 380	GAG Glu	ATC Ile	GCA Ala	GCC Ala	AAG Lys 385	TAC Tyr	1389	
GTG Val	TGT Cys	Arg	ACC Thr 390	CTG Leu	GAG Glu	ACA Thr	Gln	CCG Pro 395	CAG Gln	AGC Ser	AGC Ser	CCC Pro	TTC Phe 400	TCA Ser	TGC Cys	1437	
ATG (Asp	CTC Leu 405	ACC Thr	TAC Tyr	GTC Val	Ser	CTG Leu 410	CTA Leu	CTC Leu	CAG Gln	GAG Glu	TTC Phe 415	GGC Gly	TTT Phe	CCC Pro	1485	
AGG A	AGC . Ser 120	AAA Lys	GTG Val	CTG Leu	Lys	CTC . Leu 425	ACT Thr	CGG Arg	AAA Lys	Ile	GAC Asp 430	AAT Asn	GTT Val	GAG Glu	ACC Thr	1533	
AGC 1 Ser 1	rgg rp	GCT Ala	CTG Leu	Gly :	GCC Ala 440	ATT I	TTT Phe	CAT	Tyr	ATC Ile 445	GAC Asp	TCC Ser	CTG . Leu .	Asn	AGA Arg 450	1581	
CAG A	ys :	AGT (Ser i	Pro /	GCC Ala 455	TCA Ser	TAGT	3GCC	ga g	CCAT	CCCT	G TC	CCCG	TCAG	CAG	TGTCT	1637	
:GCCG	TGC	rg go	CACT	PTCT	S CA	CACTO	SCCT	CTG	CCDC.	የሞር ነ	TACA:	ACCC!	T 00	OT CO	GCACA FGCCC FGCTC	1697 1757 1817	

FIG. 4 (contid.)

AATGCCACCT	GTCTGCCTGG	GCTCCAAGTG	GGCAGGACCA	GGACAGAACC	ACAGGCACAC	1877
ACTGAGGGGG	CAGTGTGGCT	CCCTGCCTGT	CCCATCCCCA	TGCCCCGTCC	GCGGGGCTGT	1937
GGCTGCTGCT	GTGCATGTCC	CTGCGATGGG	AGTCTTGTCT	CCCAGCCTGT	CAGTTTCCTC	1997
	AGCTCCCCTT		TCTGGGAGGC			2057
CTCTGGGGAA	GCCGAGGGAC	AGCCATAACA	CCCCCGGGAC	AGTAGGTCTG	GGCGGCACCA	2117
CTGGGAACTC	TGGACTTGAG	TGTGTTTGCT	CTTCCTTGGG	TATGAATGTG	TGAGTTCACC	2177
CAGAGGCCTG	CTCTCCTCAC	ACATTGTGTG	GTTTGGGGTT	AATGATGGAG	GGAGACACCT	2237
CTTCATAGAC	GGCAGGTGCC	CACCTTTCAG	GGAGTCTCCC	AGCATGGGCG	GATGCCGGGC	2297
	GTAAACTATT		CTGCTTGAGT	GACGTCTCTG	TCGTGTGGGT	2357
	TGTGTAGAAA					2417
TGTGAATGTA	TCGCTACTGT	GAGCTGTTCC	CGCCTAGCCA	GGGCCATGTC	TTAGGTGCAG	2477
	GGTCAGCTGA	GCCACAGTCC	CAGAACCAAG	CTCTCGGTGT	CTCGGGCCAC	2537
CATCCGCCCA	CCTCGGGCTG	ACCCCACCTC	CTCCATGGAC	AGTGTGAGCC	CCGGGCCGTG	2597
CATCCTGCTC	AGTGTGGCGT	CAGTGTCGGG	GCTGAGCCCC	TTGAGCTGCT	TCAGTGAATG	2657
			TGTTCCACTC		GTTGACAGGG	2717
GCTTCTCCTT	CAAAAAAAAA	AAAAAAAAA	AAAAAAAAA	AAAAA	21000	2762

Fig. 4 (contid)



F16.5

ACCCACGGGT CTGGGCGGGG GCCGCCTCTG CGGCAGGGGT AGTCGCCTTC TCCGAATCGG CTCCGCACAG CTAGGAGAAA AG ATG TTC ACT GTG CTG ACC CGC CAA CCA CGT Met Phe Thr Val Leu Thr Arg Gln Pro Cys 1 10 5	60 112
GAG CAA GCA GGC CTC AAG GCC CTC TAC CGA ACT CCA ACC ATC ATT GCC Glu Gln Ala Gly Leu Lys Ala Leu Tyr Arg Thr Pro Thr Ile Ile Ala 15 20 25	160
TTG GTG GTC TTG CTT GTG AGT ATT GTG GTA CTT GTG AGT ATC ACT GTC Leu Val Val Leu Val Ser Ile Val Val Leu Val Ser Ile Thr Val 30 35	208
ATC CAG ATC CAC AAC CAA GAG GTC CTC CCT CCA GGA CTC AAG TAT GGT Ile Gln Ile His Lys Gln Glu Val Leu Pro Pro Gly Leu Lys Tyr Gly 50 50	256
ATT GTG CTG GAT GCC GGG TCT TCA AGA ACC ACA GTC TAC GTG TAT CAA Ile Val Leu Asp Ala Gly Ser Ser Arg Thr Thr Val Tyr Val Tyr Gln 60 70	304
TGG CCA GCA GAA AAA GAG AAT AAT ACC GGA GTG GTC AGT CAA ACC TTC TTP Pro Ala Glu Lys Glu Asn Asn Thr Gly Vall Val Ser Gln Thr Phe 75 80 85 90 90	352
ARA TGT AGT GTG ARA GGC TCT GGA ATC TCC AGC TAT GGA ART AAC CC Lys Cys Ser Val Lys Gly Ser Gly Ile Ser Ser Tyr Gly Asn Aen Pro 100 105	400
CAA GAT GTC CCC AGA GCC TTT GAG GAG TGT ATG CAA AAA GTC AAG GGG GIn Asp Val Pro Arg Ala Phe Glu Glu Cys Met Gln Lys Val Lys Gly 110 115 120	448
CAG GET CCA TCC CAC CTC CAC GGA TCC ACC CCC ATT CAC CTG GGA GCC GIn Val Pro Ser Ris Leu His Gly Ser Thr Pro Ile His Leu Gly Ala 125 130	496
ACG GCT GGG ATG CGC TTG CTG AGG TTG CAA AAT GAA ACA GCA GCT AAT Thr Ala G19 Met Arg Leu Leu Arg Leu G1n Asn G1u Thr Ala Ala Asn 140 145	544
GAA GTC CTT GAA AGC ATC CAA AGC TAC TTC AAG TCC CAG CCC TTT GAC GLU Val Leu Glu Ser Ile Gln Ser Tyr Phe Lys Ser Gln Pro Phe Asp 155 160 170	592
TIT AGG GGT GCT CAA ATC ATT TCT GGG CAA GAA GAA GGG GTA TAT GGA Phe Arg Gly Ala Gin Ile Ile Ser Gly Gin Glu Glu Gly Val Tyr Gly 175 180	640
TGG ATT ACA GCC AAC TAT TTA ATG GGA AAT TTC CTG GAG AAG AAC CTG TTP Ile Thr Ala Asn Tyr Leu Met Gly Asn Phe Leu Glu Lys Asn Leu 195 200	688
TGG CAC ATG TGG GTG CAC CCG CAT GGA GTG GAA ACC ACG GGT GCC CTG Trp His Met Trp Val His Pro His Gly Val Glu Thr Thr Gly Ala Leu 205 210 215	736
GAC TTA GGT GGT GCC TCC ACC CAA ATA TCC TTC GTG GCA GGA GAG AAG Asp Leu Gly Gly Ala Ser Thr Gln Ile Ser Phe Val Ala Gly Glu Lys 220 235	784

ATG Met 235	Asp	CTG Leu	AAC Asn	ACC Thr	AGC Ser 240	GAC Asp	ATC Ile	ATG Met	CAG Gln	GTG Val 245	TCC Ser	CTG Leu	TAT	GGC Gly	TAC Tyr 250	832
GTA Val	TAC Tyr	ACG Thr	CTC Leu	TAC Tyr 255	ACA Thr	CAC His	AGC Ser	TTC Phe	CAG Gln 260	TGC Cys	TAT Tyr	GGC Gly	CGG Arg	AAT Asn 265	GAG Glu	880
GCT Ala	GAG Glu	AAG Lys	AAG Lys 270	TTT Phe	CTG Leu	GCA Ala	ATG Met	CTC Leu 275	CTG Leu	CAG Gln	AAT Asn	TCT Ser	Pro 280	ACC	AAA Lys	928
					CCC Pro											976
					TTT Phe											1024
GAA Glu 315	AGT Ser	TAT Tyr	AAC Asn	CCC Pro	AAT Asn 320	GAT Asp	GTC Val	ATC Ile	ACT Thr	TTT Phe 325	GAA Glu	GGA Gly	ACT Thr	GGG Gly	Asp 330	1072
CCA Pro	TCT	CTG Leu	TGT Cys	AAG Lys 335	GAG Glu	AAG Lys	GTG Val	GCT Ala	TCC Ser 340	ATA Ile	TTT Phe	GAC Asp	TTC Phe	AAA Lys 345	GCT Ala	1120
TGC Cys	CAT His	GAT Asp	CAA Gln 350	GAA Glu	ACC Thr	TGT Cys	TCT Ser	TTT Phe 355	GAT Asp	GGG Gly	GTT Val	TAT Tyr	CAG Gln 360	CCA Pro	AAG Lys	1168
ATT Ile	AAA Lys	GGG G1 y 365	CCA Pro	TTT Phe	GTG Val	GCT Ala	TTT Phe 370	GCA Ala	GGA Gly	TTC Phe	TAC Tyr	TAC Tyr 375	ACA Thr	GCC Ala	AGT Ser	1216
					GGT Gly											1264
ACC Thr 395	TGG Trp	AAT Asn	TTC Phe	TGC Cys	TCA Ser 400	CAG Gln	AAT Asn	TGG Trp	AGT Ser	CAG G1n 405	CTC Leu	CCA Pro	CTG Leu	CTG Leu	CTC Leu 410	1312
					GTA Val											1360
					TTT Phe											1408
					TTT Phe											1456
TGG Trp	TCT Ser 460	CTT Leu	GGC Gly	TAC Tyr	ATG Met	CTC Leu 465	AGC Ser	CTG Leu	ACC Thr	AAC Asn	CAG Gln 470	ATC Ile	CCA Pro	GCT Ala	GAA Glu	1504
					CTG Leu 480											1552

FIG. 6 (cont.d.)

CTC GCT TTC TTC ACA G			
495 TAC CTG TGT TCA GCA A			
Tyr Leu Cys Ser Ala T		s Arg His Ser Glu H	s Ala Phe
GAC CAT GCA GTG GAT T			
Asp His Ala Val Asp S		IICA AAGCAGCICC IGGA	GICCAM IGGC 1703
	0001001000 1	**************************************	CEMONOCONN 1260
TGCTTAGAGT CAGCCTGGGT TACAACTAAC TAAAATCAAA			
AGCACCTCTT GAGGCATCCC			
CCCACATGCT GATGTATTGG			
TATTAAGTTC CCCAGAGGAA			
ACCTCAGGGC TCAGTTTCCA			
AGCATTTCGC CAATCAGAAT			
TTCTTGTAGC AATCTCGTAA			
GGAGAAGACT TACTTCCTTC			
TCCCGAAGCA CAGAGACATA			
GAATTCCCAC TTAGGGCTCT			
TCTCACCATT GTATTGCTAT			
GCATTCCAGA TTTTACTGCC			
GTTATCATGG TGTATATATT		CCCACAAG TATACTTGAT	
AACGAACATC CTACTCTATG			
GCATAGTAGT CATAGGTCTT			
TCCAAAGTCG AATGAGAAAG			
TTATTTCATA TTGCTGTTTC			
AAAAAAAAA AAAA	TIMOCIGNAT A	GOMMINAN GARCIATTAT	2797
MAMMAMMA ARRA			2/97

FIG. 6 (cont.d)

TC: AA: TG(ATAC: AAAG: CAGG:	AGAC FGAT FGTG ATG	ATA CGA GCC	ATCA: ATAAI GCAG(ACT	TTA :	TGGT(NACC) TGCT' TGG	GCTG AAGG ICTG GGC	TT AG AG AG CA AG ACA	GGTA AAAT CAAA GTC	GAC' CAG AGCC' TTT	T TG A AG T CC TTC	TATC GAAA ACCC ATG	CAGA	AAA! ACA! GTG	FGAATCO AAGGTTO FTGCCTO FCTTGGO GTA Val	12
Ser 15	Cys	r GT	TGC Cys	S Sei	Ala 20	GTC Val	L Se	C CAC	AGC Arc	AAG ASI 25	CA	G CAC	ACT Thi	TG	Phe 30	336
GA0	GG7	ATC	Phe	CTC Lev 35	S TCT	TCC Ser	Met	TGC Cys	Pro 40	ATC Ile	AA:	r GTC	AGC Ser	GC0 Ala 45	AGC Ser	384
Thr	Leu	TAT	GGA G1y 50	ATT	Met	Phe	GAT Asp	GCA Ala 55	GGG Gly	AGC Ser	Thi	GG/	ACT Thr 60	Arg	ATT Ile	432
CAT	GTT Val	TAC Tyr 65	Thr	Phe	GTG Val	G1n	Lys 70	Met	Pro	GGA Gly	Glr	Leu 75	Pro	Ile	CTA Leu	480
GAA Glu	GGG Gly 80	GAA Glu	GTT Val	TTT	GAT Asp	TCT Ser 85	GTG Val	AAG Lys	Pro	GGA Gly	Leu 90	TCT Ser	GCT	TTT	GTA Val	528
GAT Asp 95	CAA Gln	Pro	AAG Lys	CAG Gln	GGT Gly 100	GCT Ala	GAG Glu	ACC	Val	GAA Gln 105	Gly	Leu	TTA Leu	GAG Glu	GTG Val 110	576
GCC Ala	AAA Lys	GAC Asp	TCA Ser	ATC Ile 115	CCC	CGA Arg	AGT Ser	CAC His	TGG Trp 120	AAA Lys	AAG Lys	ACC Thr	CCA Pro	GTG Val 125	GTC Val	624
CTA Leu	AAG Lys	GCA Ala	ACA Thr 130	GCA Ala	GGA Gly	CTA Leu	CGC Arg	TTA Leu 135	CTG Leu	CCA Pro	GAA Glu	CAC His	AAA Lys 140	GCC Ala	AAG Lys	672
GCT Ala	CTG Leu	CTC Leu 145	TTT Phe	GAG Glu	GTA Val	AAG Lys	GAG Glu 150	ATC Ile	TTC Phe	AGG Arg	AAG Lys	TCA Ser 155	CCT Pro	TTC Phe	CTG Leu	720
GTA Val	CCA Pro 160	AAG Lys	GGC G1y	AGT Ser	GTT Val	AGC Ser 165	ATC Ile	ATG Met	GAT Asp	GGA Gly	TCC Ser 170	GAC Asp	GAA Glu	GGC Gly	ATA Ile	768
TTA Leu 175	GCT Ala	TGG Trp	GTT Val	ACT Thr	GTG Val 180	AAT Asn	TTT Phe	CTG Leu	ACA Thr	GGT Gly 185	CAG Gln	CTG Leu	CAT His	GGC Gly	CAC His 190	816
AGA Arg	CAG Gln	GAG Glu	ACT Thr	GTG Val 195	GGG Gly	ACC Thr	TTG Leu	Asp	CTA Leu 200	GGG Gly	GGA Gly	GCC Ala	TCC Ser	ACC Thr 205	CAA Gln	864
Ile	Thr	Phe	Leu 210	Pro	Gln	Phe	Glu	Lys 215	Thr	Leu	Glu	Gln	ACT Thr 220	Pro	Arg	912
GGC Gly	Tyr	CTC Leu 225	ACT Thr	TCC Ser	TTT Phe	Glu	ATG Met 230	TTT Phe	AAC Asn	AGC Ser	ACT Thr	TAT Tyr 235	ĄAG Lys	CTC Leu	TAT Tyr	960

		Ser	TAC Tyr													1008
	Gly		CTG Leu								His					1056
			CCG Pro													1104
			TAT Tyr 290													1152
			GAA Glu													1200
GAG Glu	GAG Glu 320	GTC Val	CAG Gln	AGA Arg	GGT Gly	TCC Ser 325	TTC Phe	TAT Tyr	GCT Ala	TTC Phe	TCT Ser 330	TAC Tyr	TAT Tyr	TAT Tyr	GAC Asp	1248
			GAC Asp													1296
			GAT Asp													1344
			ACC Thr 370													1392
			CTG Leu			Asp					Ala					1440
Leu	CAG Gln 400	CTC Leu	ACA Thr	AAG Lys	Lys	GTG . Val . 405	AAC Asn	AAC Asn	ATA Ile	GAG Glu	ACG Thr 410	GGC Gly	TGG Trp	GCC Ala	TTG Leu	1488
GGG Gly 415	GCC Ala	ACC Thr	TTT Phe	His	CTG Leu 420	TTG (CAG Gln	TCT Ser	Leu	GGC Gly 425	ATC Ile	TCC Ser	CAT His	TGAG	GCCAC	1539
TACAC TCAC CCAG TCCAC	TGAA CATC AGAG GGAC CTGA CAAT	CT A TA A AG C AG G AT A AT C	GTCTO TGTG CCTG TCCC TTTA AGTA	GGGA RACT IGAG IGGA RATT ITTT	C AT	CCTGG GCCTA AAAAG CAAAG CTCTC	SACT AACC STAT SAAA FAAA CCTA	ACTO ACTO ACTO AATO TGG TACO	GCCT. CAAG. FTTG CGCA FAAA AGTG	AGA AGT GAA FTT CTG	GATT ACAC CTTA CAAC ACTT	TAGG AGCT ACCT CCTT ATTG	TT T. GG C. TG G. TG A. CA A	AATT ACCA AGTG STGC ICCC	CTTAG AATTT GAGCA AGAGC CTCAT AAGAC GCACC	1599 1659 1719 1779 1839 1899 1959

FIG. 7 (cont'd)

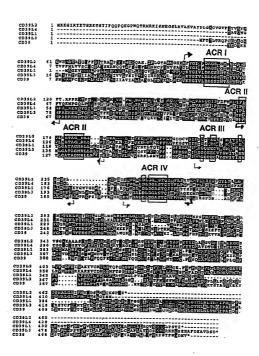
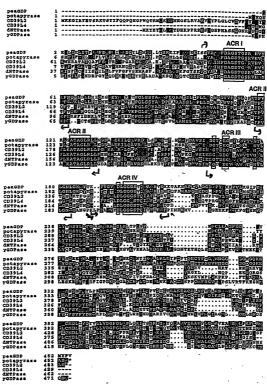


FIG. 8



F16. 9